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# **McMullen Creek Tributary to Quail Hollow Wastewater System Improvements: Rosemary to Sharon Hills Rehabilitation Work**

**PUBLIC MEETING: NOVEMBER 12, 2020**

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# Agenda/Overview

- ▶ **Welcome**
- ▶ **Introduce project team**
- ▶ **Project overview**
- ▶ **Construction details/timeline**
- ▶ **Q&A**

# Project Team

**OWNER**

**Charlotte Water**

Tesha Okioga  
Chuck Bliss

**CONTRACTOR**

**Atlantic Coast  
Contractors**

Matt Butler

**PLANNING/  
ENGINEERING**

**Gavel & Dorn  
Engineering, PLLC**

Jason Dorn  
Phillip Lintereur

**Chernoff  
Newman**

Amanda DeWeese  
Elizabeth Covington

# Project Goals

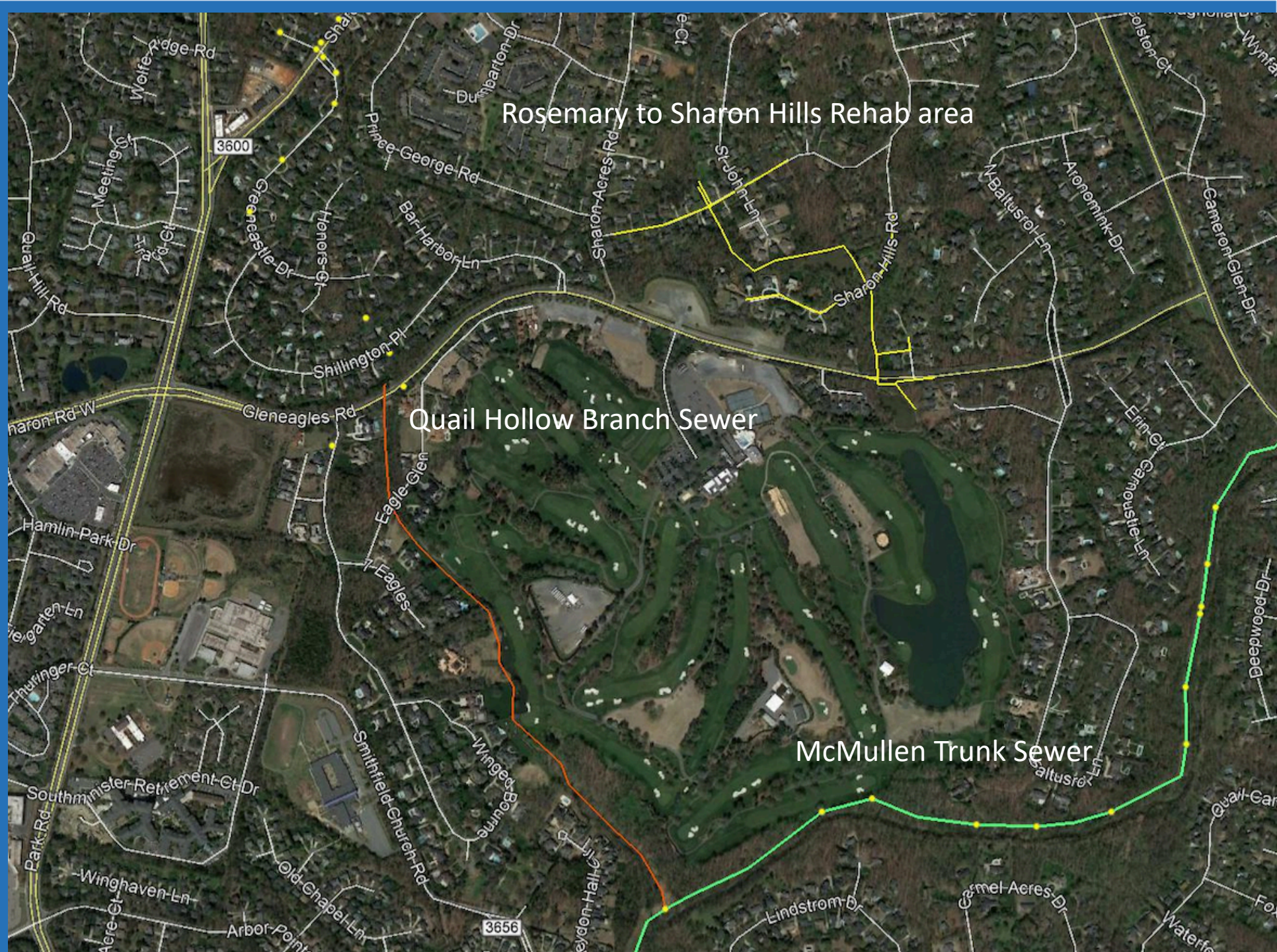
- ▶ Improve the wastewater system worn by age, high use, and natural and man-made obstructions.
- ▶ Increase wastewater capacity to meet future needs.
- ▶ Reduce the risk of sewer overflows.
- ▶ Protect the water quality in McMullen Creek.

# Project Overview

- ▶ Rosemary to Sharon Hills Rehab: Upcoming work to make point repairs and CIPP lining in the streets, public rights-of-way and construction easements replacing existing pipe segments and rehabilitating manholes
- ▶ Quail Hollow Branch Wastewater work: Currently in design; will consist of replacing existing pipeline

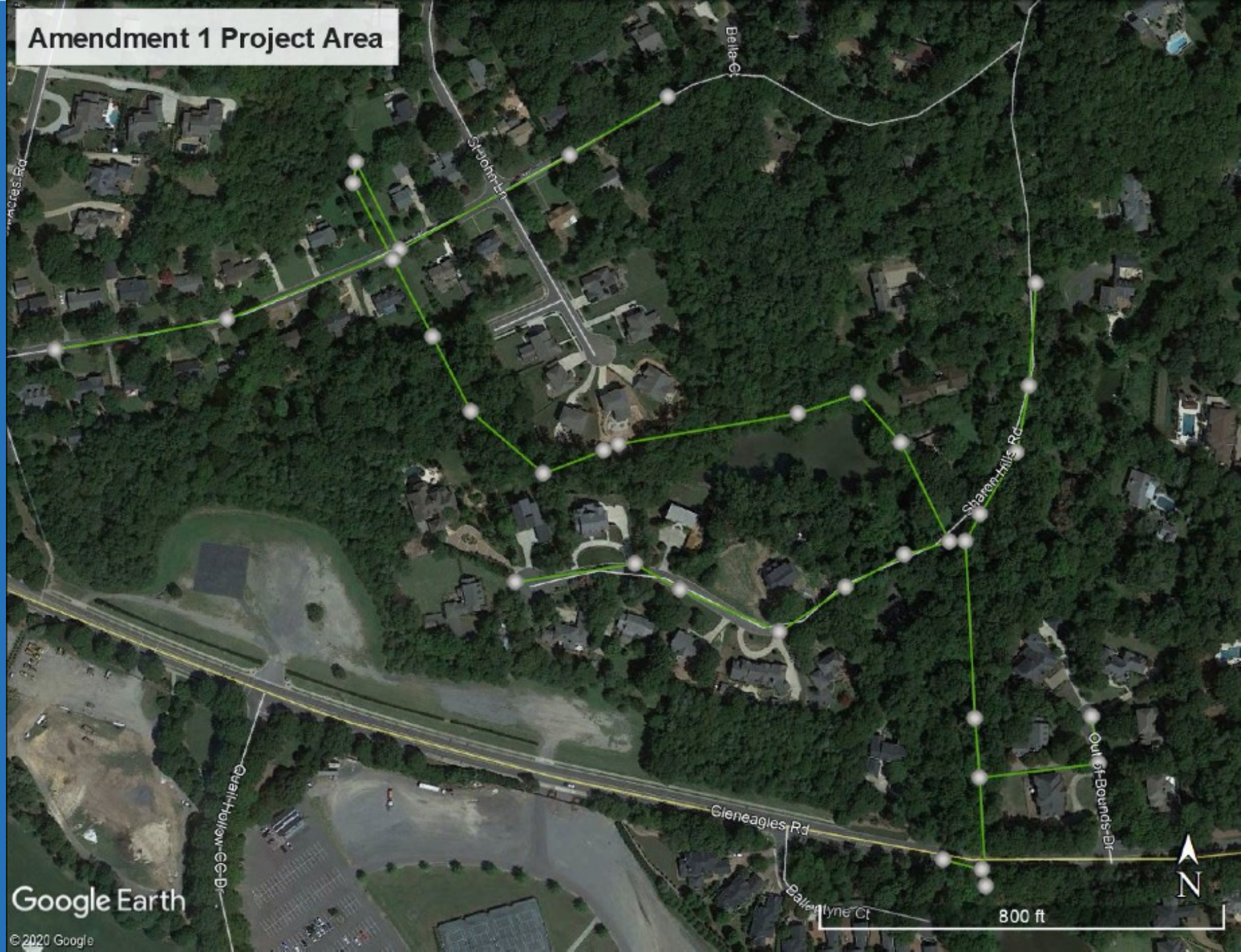


# Existing Sewer System





# Rosemary to Sharon Hills Rehab



# Project Progress

*What's been done to date?*

- ▶ Land surveying and underground utility markings
- ▶ Flow metering
- ▶ Geotechnical investigations
- ▶ Video inspections
- ▶ Design of new pipeline
- ▶ Easement acquisitions





# Construction

# Rehab Construction Activities

- ▶ Mobilization
- ▶ Clearing
- ▶ Lane/road closures and detours around work area
- ▶ Loud machinery
- ▶ Construction traffic
- ▶ Odors
- ▶ Continuation of service

# Construction: Customer Directives

- ▶ Odors – Crews will work to minimize potential odors. Customers are asked to please pour a gallon of water into floor drains, toilets and sinks when the work begins to limit any odors in home
- ▶ Service – During active construction, please limit use where possible



# Construction Timeline

- ▶ Point repairs construction beginning November 2020
  - Expected to take 6 to 8 months to complete
  - There will be down periods
- ▶ Quail Hollow branch wastewater work expected to begin in mid- to late-2021

# Point Repair Construction



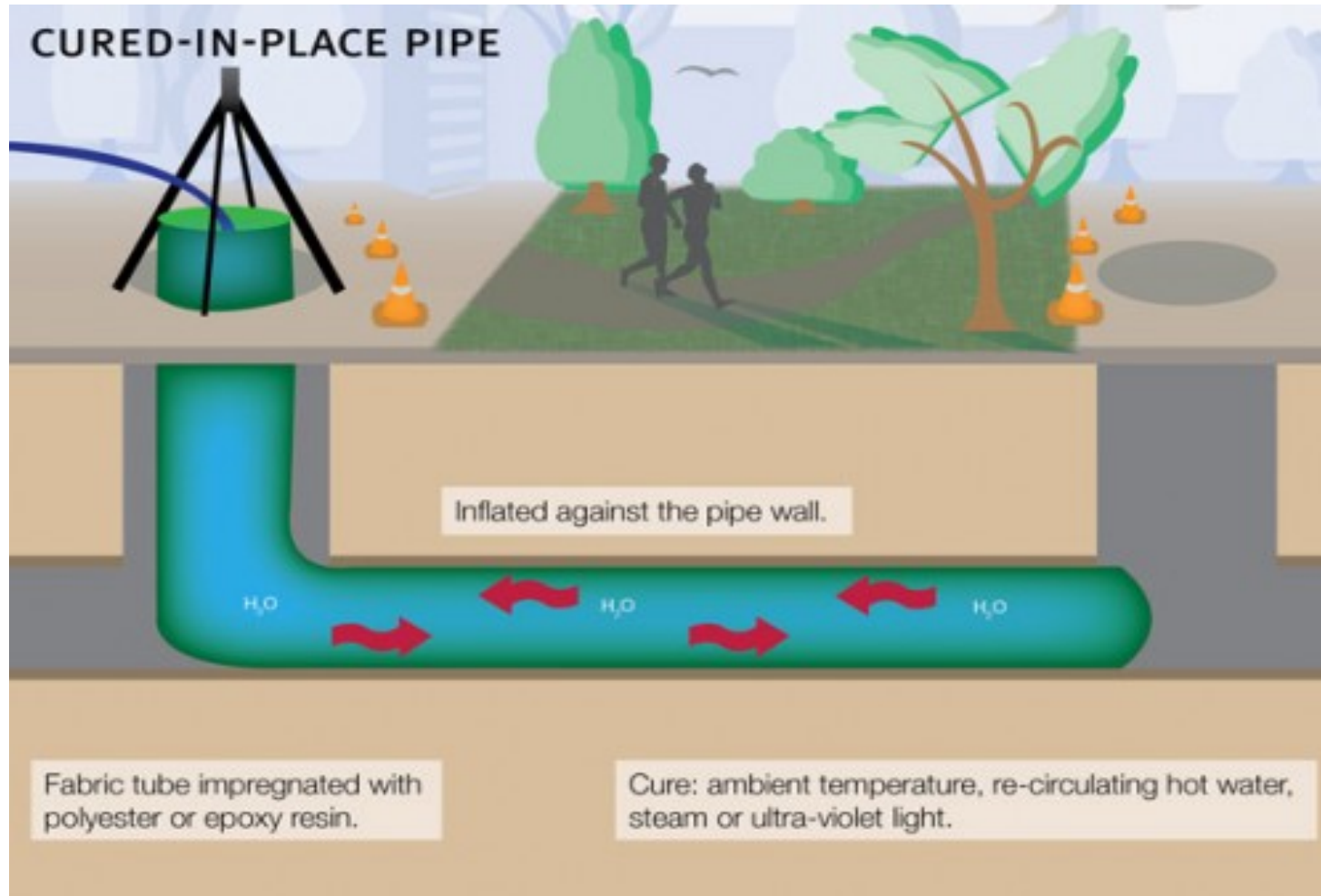


# Point Repair Construction





# CIPP Work



# CIPP Work



# Stay Connected

- ▶ Visit project webpage: [bit.ly/CLTWaterQH](https://bit.ly/CLTWaterQH)
- ▶ Project contact: Dr. Irene (Tasha) Okioga, P.E.
  - [Irene.okioga@charlottenc.gov](mailto:Irene.okioga@charlottenc.gov), 704-336-1063
- ▶ Mailers and door hangers
- ▶ Neighborhood/homeowners' associations
- ▶ Nextdoor updates



# Q&A Session

